

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An array, comprising:

a plurality of light emitting devices disposed over a transparent substrate, the transparent substrate having an upper surface proximal to the light emitting devices, a lower surface distal from the light emitting devices and a plurality of side surfaces, each of the side surfaces being substantially perpendicular to the upper surface; and

at least one photodetector arranged on the lower surface of the transparent substrate ~~on one of said side surfaces that detects~~ for detecting light emitted from the light emitting devices.

2-6. (Cancelled)

7. (Previously Presented) The array of claim 1, further comprising at least one additional photodetector formed over outer periphery edges of the upper surface.

8. (Original) The array of claim 1, further comprising a feedback circuit that measures a brightness level for each of the plurality of light emitting devices, and varies a voltage applied to individual ones of the light emitting devices to maintain a brightness level of each of the light emitting devices at a substantially constant level.

9-11. (Cancelled)

12. (Original) The array of claim 8, wherein the feedback circuit includes a compensation factor generator for generating a compensation factor for each of the plurality of light emitting devices and a memory array for storing the compensation factor for each of the plurality of light emitting devices.

13. (Original) A display comprising the array of claim 1.

14. (Currently Amended) A method for forming an array, comprising:

forming a plurality of light emitting devices disposed over a transparent substrate, said transparent substrate having an upper surface proximal to the light emitting devices, a lower surface distal from the light emitting devices and at least one side surface substantially perpendicular to said upper surface of the transparent substrate; and

forming a photodetector at the lower surface of the transparent substrate ~~that detects for~~ detecting light emitted through ~~the least one side surface of the~~ transparent substrate.

15. (Cancelled.)

16. (Currently amended) The method of claim 14, further comprising forming the photodetector on the side surface of the transparent substrate.

17. (Currently amended) The method of ~~claim 15~~ claim 14, wherein the photodetector includes a plurality of photodetectors.

18. (Previously Presented) The method of claim 17, further comprising forming at least one of the photodetectors on each of the side surfaces.

19. (Cancelled.)

20. (Original) The method of claim 14, further comprising forming a feedback circuit that measures a brightness level for each of the plurality of light emitting devices, and varies a voltage applied to individual ones of the light emitting devices to maintain a brightness level of each of the light emitting devices at a substantially constant level.

21. (Original) The method of claim 20, further comprising forming the feedback circuit with a compensation factor generator for generating a compensation factor for each of the plurality of light emitting devices and a memory array for storing the compensation factor for each of the plurality of light emitting devices.

22. (Currently Amended) A method for maintaining a substantially constant brightness in a plurality of light emitting devices disposed over an upper surface of a transparent substrate in an array, comprising:

measuring light emitted from each of the light emitting devices by a photodetector formed on a lower side surface of the transparent substrate, ~~said side surface substantially perpendicular to the upper surface of said substrate~~; and

varying the voltage level applied to each of the light emitting devices to maintain a substantially constant brightness level of light emitted from the light emitting devices.

23-25. (Cancelled.)

26. (Currently Amended) The method of claim 22, wherein measuring the light emitted through the transparent substrate further comprises measuring the light with a plurality of photodetectors formed over outer periphery edges of the upper surface of the transparent substrate.

27. (Previously Presented) The method of claim 22, wherein varying the voltage level applied to each of the light emitting devices further comprises generating a compensation factor for each of the light emitting devices and applying the compensation factor to a voltage applied to the corresponding light emitting device.